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Governor  
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**State of Utah**  
**DEPARTMENT OF NATURAL RESOURCES**  
**Division of Oil, Gas & Mining**

MICHAEL R. STYLER  
Executive Director  
JOHN R. BAZA  
Division Director

**Inspection Report**  
**Minerals Regulatory Program**  
October 13, 2005

Supervisor 

**Mine Name:** Topaz Valley Limestone  
**Operator Name:** Rancho Equipment  
Robert Thomas  
1557 West Ashby Road  
Delta, Utah 84624-7357  
**Inspector(s):** Tom Munson  
**Other Participants:** none  
**Mine Status:** regraded and seeded

**Permit number:** M023/022  
**Inspection Date:** 09/29/2005  
**Time:** 10:30-11:30AM

**Weather:** Sunny

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Purpose of Inspection:** To evaluate the revegetation success at this reclaimed site.

**Directions to Site:**

Turn on the Brush Wellman mine road north of Delta and turn again at the Topaz Valley Amphitheatre Road and take your next left, drive 1 mile and it is on your right.

**Inspection Summary:**

I arrived on site and walked the entire site to survey the amount of vegetation. It was determined that the site is doing a lot better after this year of normal precipitation. There was evidence of crested wheat grass, rice grass, forage koshia, four wing salt brush, shad scale, tumble weed, halogeton, and cheat grass.

**Conclusions and Recommendations:**

The site was last inspected and photo documented on 02/24/2005 and before this 5/5/2003. As can be observed in the attached photos during the 02/24/2005, the site was mainly covered with halogeton and some forage koshia. The site had no vegetation on 05/05/2003 and had been seeded three times since the fall of 2000.

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A soil sample was analyzed in the summer of 2003 and it was determined that the operator had basically over fertilized the site and due to the drought the soil salinity was keeping anything from growing. It was determined that time would be the best solution to a very difficult problem of getting the vegetation to become established. Fortunately, time has been favorable to the site and now that five years have passed since the first seeding, the site has appeared to turn the corner and could possibly be released.

**Inspector's Signature**



**Date:** October 13, 2005

tm:jb

cc: Robert Thomas, Operator  
Jerry Mansfield, Fillmore BLM

Attachment: Photos

O:\M023-Juab\M0230022-Topazvalley-Rancho\inspections\ins-09282005.doc



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INSPECTION09282005 021.JPG 2005/09/29 10:48:48

foliage Kosoria

Wheat Grass



09.29.2005 10:49

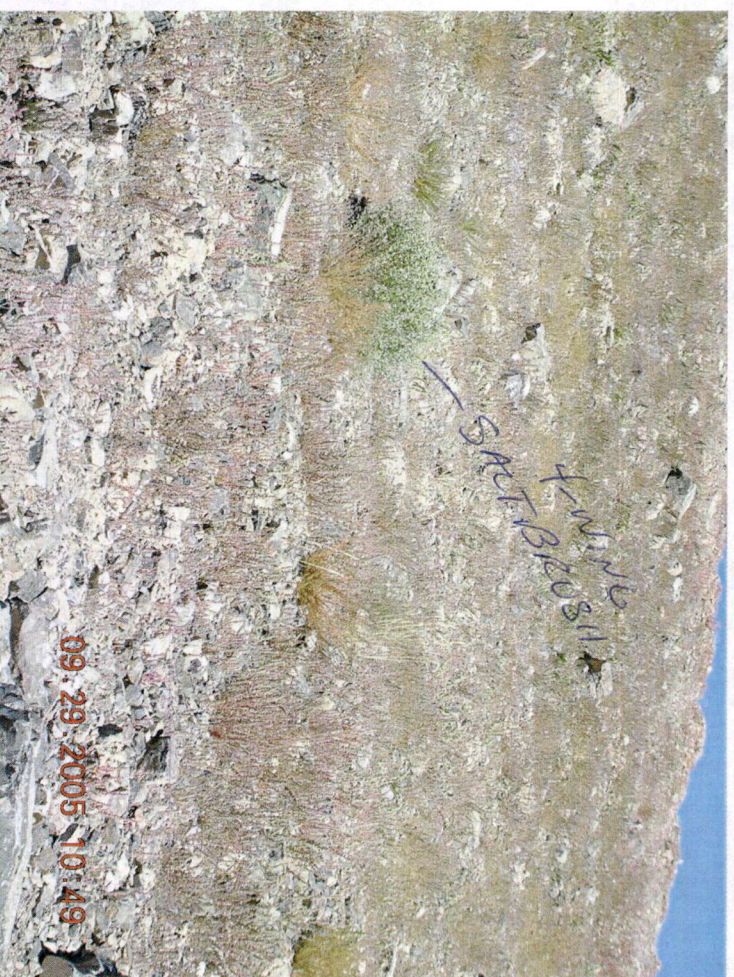
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Kosoria



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INSPECTION09282005 023.JPG 2005/09/29 10:49:35



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INSPECTION09282005 024.JPG 2005/09/29 10:49:47

4-0116  
SACT. BROS. H.



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FORAGE KOSTIA

WHEAT GRASS



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KOSTIA



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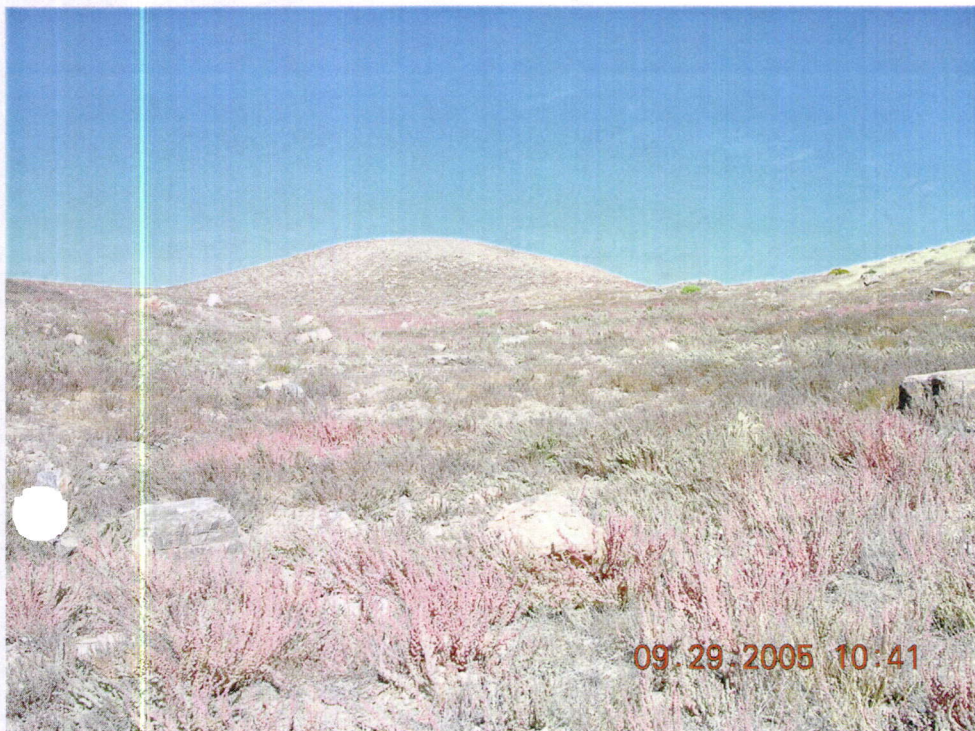
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4-WING  
SALT BRUSH



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INSPECTION09282005 018.JPG 2005/09/29 10:42:08



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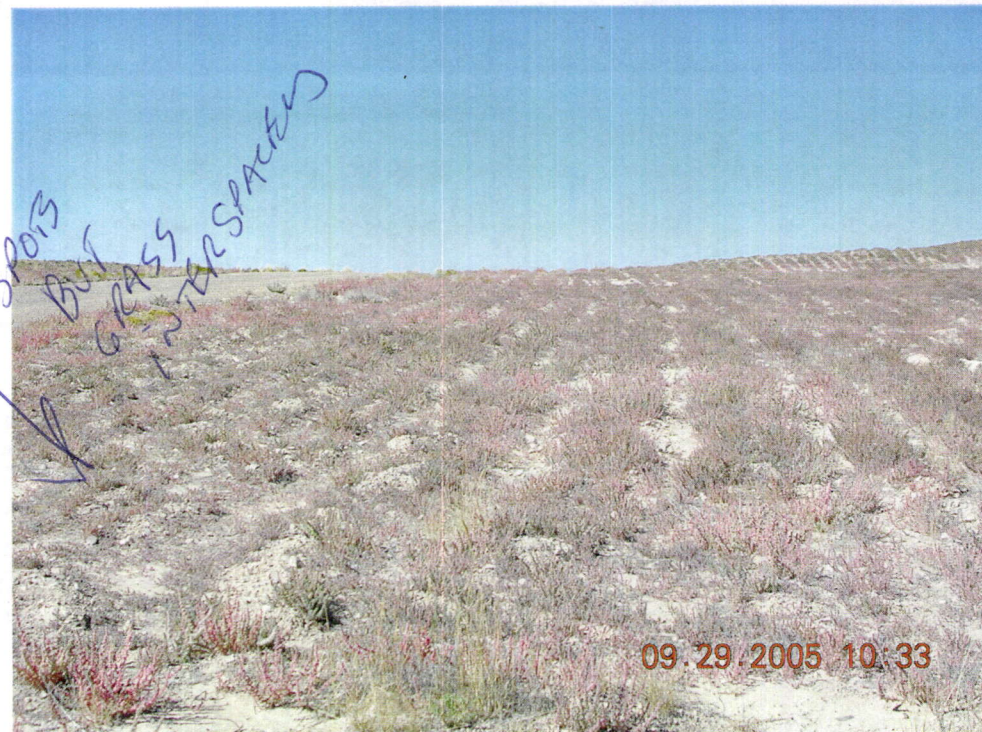
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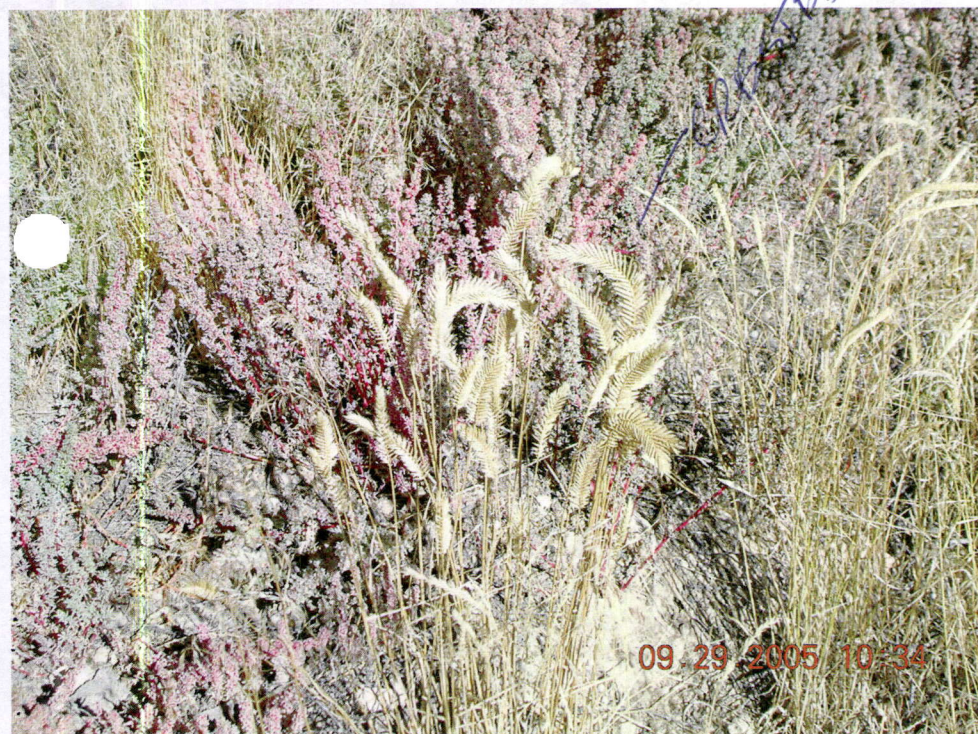
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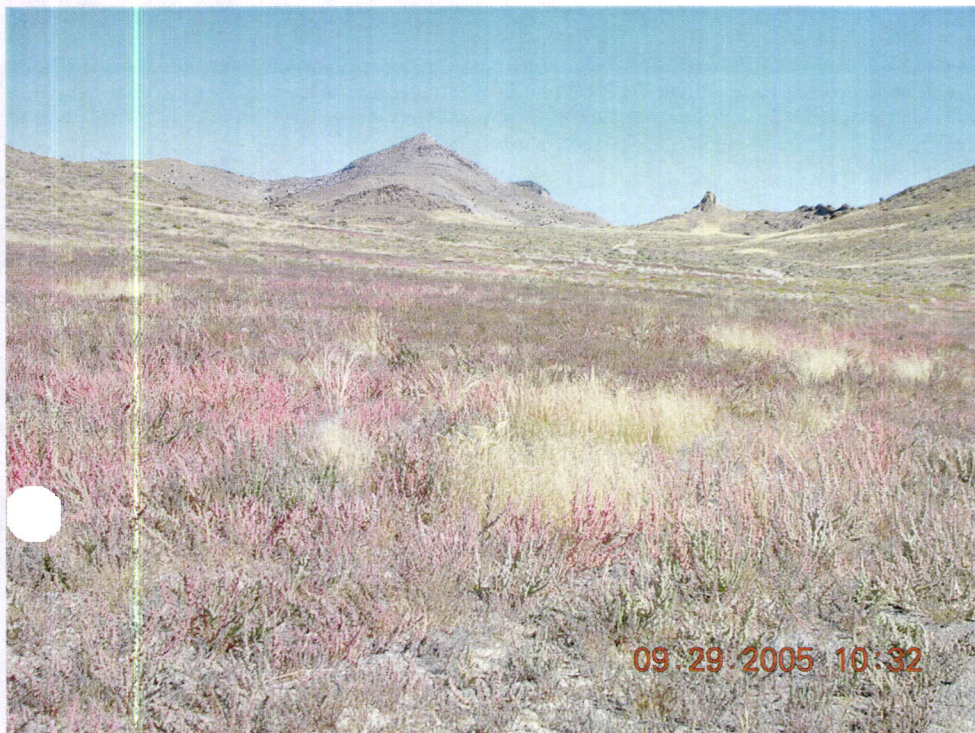
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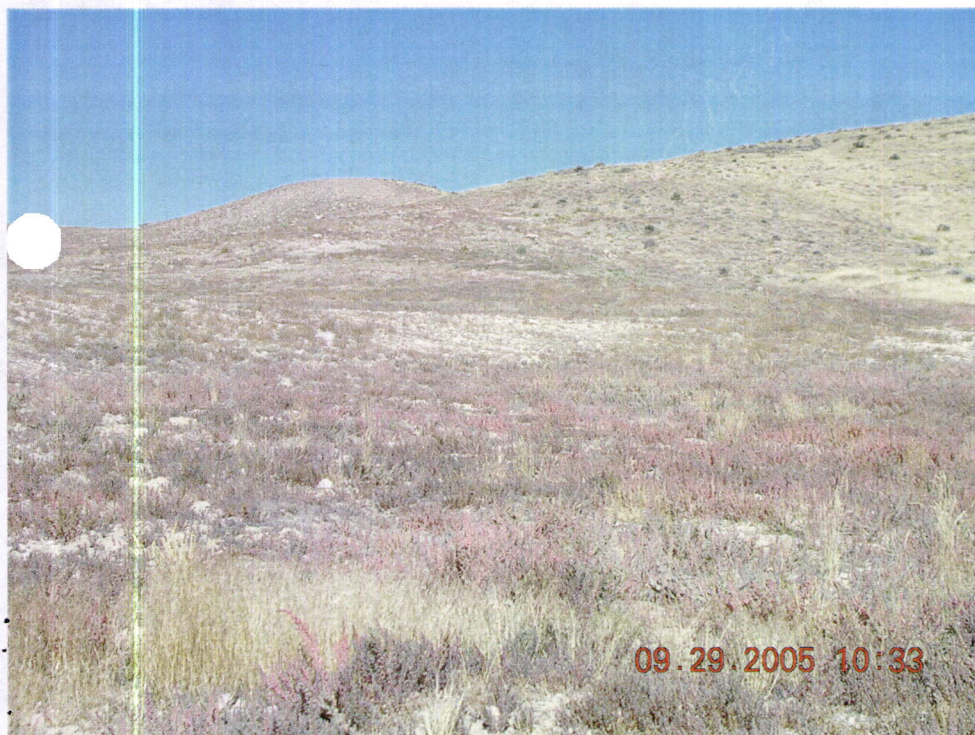
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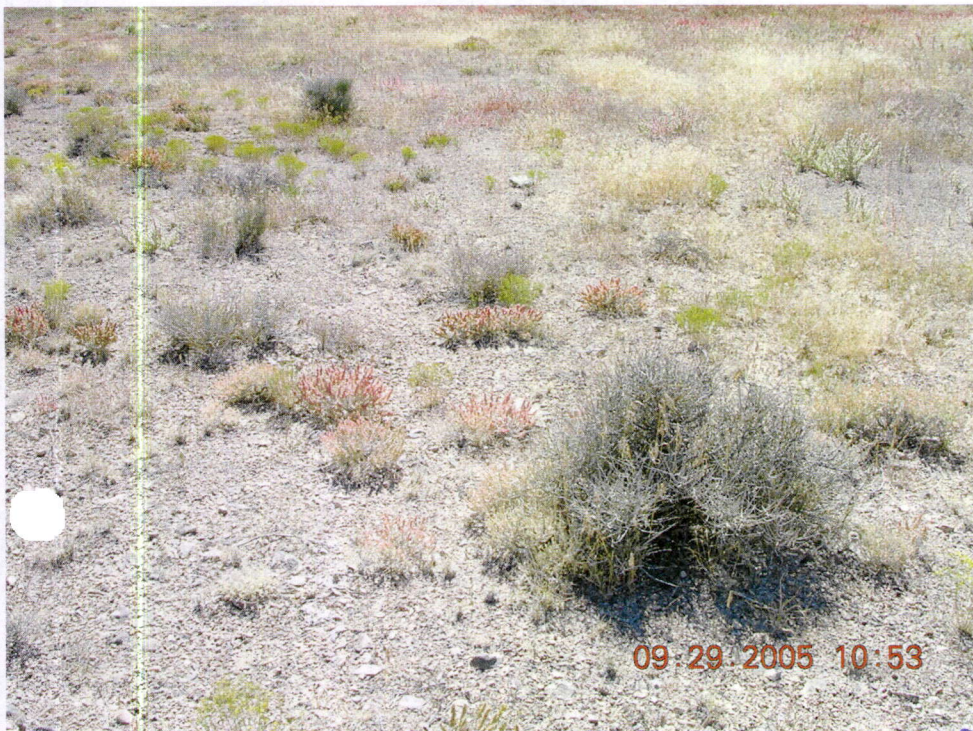
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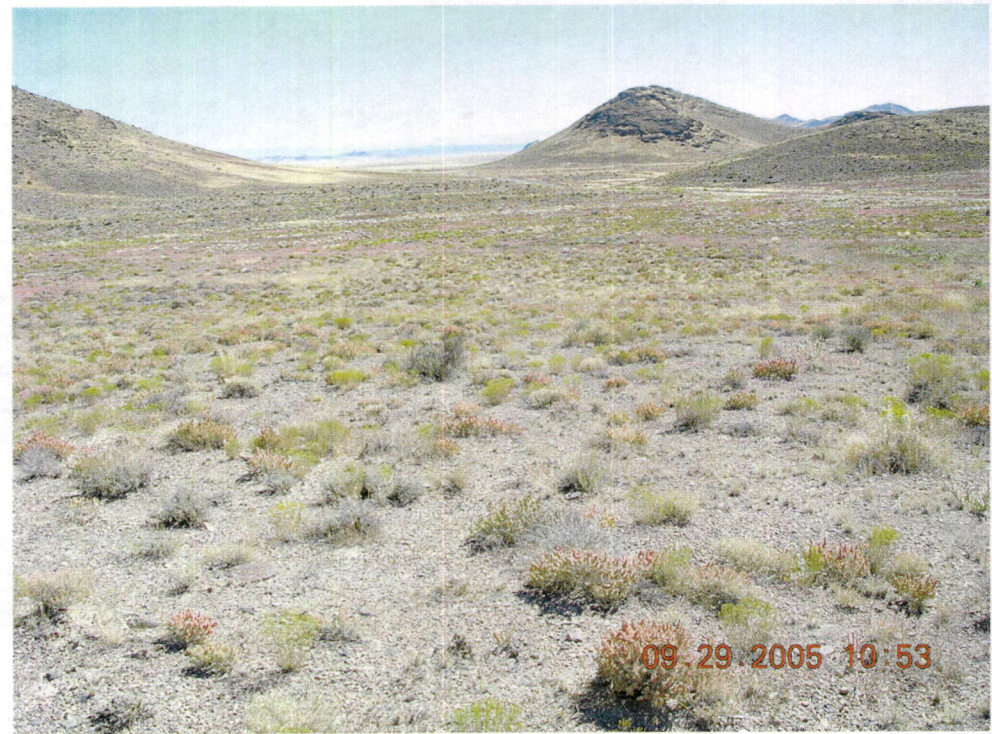


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↑  
OFF SITE  
NATIVE  
RANGE







